

- EtherNET/IP
- Digital mixed functions



General attributes

Approvals / Conformity	UL94 CSA CE ODVA
Device description file	BNI EIP-302-105-Z015.eds
Enclosure Type per IEC 60529	IP67 (when connected)
Indicator actuators supply UA	Yes, LED green
Indicator sensors supply US	Yes, LED green
Indicator switching function	Yes, LED yellow
Mounting instruction	See short guide
Scope of delivery	20x labels Ground strap Circlip 4x plugs M12 Screw M4x6 Short guide
Transmission protocol	EtherNET

Electrical attributes

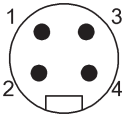
Address range	IPV4
Bus system	EtherNET/IP
Configurable in-/outputs	Yes
Current sum US (Sensor)	9.0 A
Eff. operating voltage Ue DC	24 V

Inputs

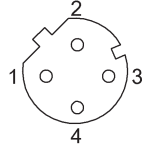
Number of inputs	16
Number of outputs 2A	16
Operating voltage UB max. DC [V]	30.2 V
Operating voltage UB min. DC [V]	18 V
Switching output	PNP
Transfer rate max.	100 Mbit/s
Transfer rate min.	10 Mbit/s

Mechanical attributes

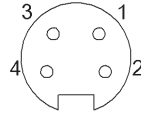
Ambient temperature Ta max.	55 °C
Ambient temperature Ta min.	-5 °C
Height	37.9 mm
Housing material	GD-ZnAl4Cu1 (die-cast zinc)
Housing shield	Yes
Length	224.0 mm
Mounting ground strap	M4
Mounting type	2-hole screw mounting
Number of plug-in positions	8
Storage temperature max.	70 °C
Storage temperature min.	-25 °C
Style	Two-row
Surface protection	Cu 15 µ / Ni 15 µ
Width	68.0 mm



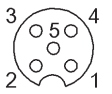
PIN 1: +24V
PIN 2: +24V
PIN 3: 0V
PIN 4: 0V
Power In



Ethernet IP
PIN 1: Tx+
PIN 2: Rx+
PIN 3: Tx-
PIN 4: Rx-



PIN 1: +24V
PIN 2: +24V
PIN 3: 0V
PIN 4: 0V
Power Out



I/O Ports
PIN 1: +24V, 0.2A
PIN 2: In-/output 2A
PIN 3: DGND
PIN 4: In-/output 2A
PIN 5: Function ground